



## MULTIPLICATION MATRIX

Name: \_\_\_\_\_

Use this matrix to calculate quick multiplication and division sums.

The example below shows the calculation of  $7 \times 8 = 56$  and in reverse,  $56 \div 8 = 7$  or  $56 \div 7 = 8$ .

<b>X</b>	1	2	3	4	5	6	7	8	9	10	11	12
1	1	2	3	4	5	6	7	8	9	10	11	12
2	2	4	6	8	10	12	14	16	18	20	22	24
3	3	6	9	12	15	18	21	24	27	30	33	36
4	4	8	12	16	20	24	28	32	36	40	44	48
5	5	10	15	20	25	30	35	40	45	50	55	60
6	6	12	18	24	30	36	42	48	54	60	66	72
7	7	14	21	28	35	42	49	56	63	70	77	84
8	8	16	24	32	40	48	56	64	72	80	88	96
9	9	18	27	36	45	54	63	72	81	90	99	108
10	10	20	30	40	50	60	70	80	90	100	110	120
11	11	22	33	44	55	66	77	88	99	110	121	132
12	12	24	36	48	60	72	84	96	108	120	132	144

See how quickly you can find answers to the following sums.

$10 \times 10 = \underline{\quad}$

$3 \times 6 = \underline{\quad}$

$99 \div 11 = \underline{\quad}$

$12 \div 3 = \underline{\quad}$

$8 \times 9 = \underline{\quad}$

$81 \div 9 = \underline{\quad}$

$27 \div 3 = \underline{\quad}$

$7 \times 4 = \underline{\quad}$

$12 \times 9 = \underline{\quad}$

$54 \div 9 = \underline{\quad}$

$6 \times 6 = \underline{\quad}$

$11 \times 10 = \underline{\quad}$

$2 \times 12 = \underline{\quad}$

$4 \times 8 = \underline{\quad}$

$88 \div 8 = \underline{\quad}$

$12 \times 2 = \underline{\quad}$

$9 \times 5 = \underline{\quad}$

$66 \div 11 = \underline{\quad}$

$45 \div 9 = \underline{\quad}$

$35 \div 7 = \underline{\quad}$

$5 \times 6 = \underline{\quad}$

$12 \times 12 = \underline{\quad}$

$8 \times 8 = \underline{\quad}$

$7 \times 11 = \underline{\quad}$

$12 \times 7 = \underline{\quad}$

$20 \div 4 = \underline{\quad}$

$3 \times 11 = \underline{\quad}$

$12 \times 10 = \underline{\quad}$



Lower  
Primary



Primary



Middle  
Years



## MULTIPLICATION MATRIX

### Solutions

$10 \times 10 = 100$

$3 \times 6 = 18$

$99 \div 11 = 9$

$12 \div 3 = 4$

$8 \times 9 = 72$

$81 \div 9 = 9$

$27 \div 3 = 9$

$7 \times 4 = 28$

$12 \times 9 = 108$

$54 \div 9 = 6$

$6 \times 6 = 36$

$11 \times 10 = 110$

$2 \times 12 = 24$

$4 \times 8 = 32$

$88 \div 8 = 11$

$12 \times 2 = 24$

$9 \times 5 = 45$

$66 \div 11 = 6$

$45 \div 9 = 5$

$35 \div 7 = 5$

$5 \times 6 = 30$

$12 \times 12 = 144$

$8 \times 8 = 64$

$7 \times 11 = 77$

$12 \times 7 = 84$

$20 \div 4 = 5$

$3 \times 11 = 33$

$12 \times 10 = 120$



Lower  
Primary



Primary



Middle  
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